

ABSTRACT

An active binder for brazing which is for use in brazing metals to ceramics; a ceramic part for brazing to which the binder has been applied; a brazed product; and a foil-form brazing material for use in producing a brazed metal/ceramic product. The active binder contains particles of either an active metal or a compound thereof (preferably titanium hydride) added thereto. The part for brazing comprises a part made of a ceramic and particles of either an active metal or a compound thereof which have been fixed to the ceramic part in at least the brazing area through a binder. The brazed product is produced by superposing the brazing area in the part for brazing on the brazing area in a metal part and then heating them in a furnace to melt the brazing particles and thereby braze the parts together.